

Work Order ID 52143

Thursday, September 17, 2009 8:09:10 AM

Page 1

Item ID: D209-669-013

Accept

Revision ID: B

Item Name: Skidtube LH

Start Date: 9/18/2009 Start Qty: 1.00

Required Date: 10/9/2009 Req'd Qty: 1.00

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D209-669-013

Rev B

DSI 9450

Rev A

100

0.00



DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile & type labels per PPP d209-669-013 CHG003

0.00

509/10/05

110

0.00



Packaging

Packaging

Pick Kit

Memo

0.00

60 9/11/05 C

52117.

Work Order ID 52143

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Page 2

Item ID: D209-669-013

Accept

Revision ID: B

Item Name: Skidtube LH

Start Date: 9/18/2009 Start Qty: 1.00

Required Date: 10/9/2009 Req'd Qty: 1.00

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

27 8/21/05

②

p

130

Packaging

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPPD209-669-013

Location: _____

Kec c

9/10/05

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/10/06

MK 09-10-04

Picklist Print

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Page 1

Work Order ID: 52143

Parent Item: D209-669-013RevB

Parent Item Name: Skidtube LH

Comments:

Start Date: 9/18/2009

Required Date: 10/9/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D209-669-043RevB

Manufactured

No

110

Each

3.0000

1.0000



Replacement Skidtube



52117

9/14/08

Warehouse

Loc Qty

Loc Code

Location

Premier

Mezz

3

22797

1

39205

1

39206

1

D2917-1RevB

Manufactured

No

110

Each

0.0000

2.0000



Saddle LH



52127

PU

D2918-1RevB

Manufactured

No

110

Each

3.0000

2.0000



Saddle LH



52130

PU

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

3

43755

1

51329

2

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Thursday, September 17, 2009 8:09:09 AM

Work Order ID: 52143



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-51A Bolt		Purchased	No			110	Each	354.0000	8.0000			



Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

354

110328

2

111635

102

112314

100

112489

100

112641

50

M112314

D2570RevB

Manufactured No

110

Each

139.0000

24.0000



Bushing

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

15

47246

15

Main Warehouse

ST36

124

50356

124

B52214 C 9/11/09

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Work Order ID: 52143



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4 Nut		Purchased	No			110	Each	8,148.000	24.0000			

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST	8148
107499	5
108145	4
110450	1
110507	184
111827	5996
112314	1893
15924	0
7690	24
8182	41

M112314

AN5-36A

Purchased

No

110

Each

555.0000

4.0000

Bolt

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST	555
109545	11
110467	7
110731	4
112243	20
112314	463
112385	50

M112314

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Work Order ID: 52143



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD516 Washer		Purchased	No			110	Each	1,097.000	8.0000			



M112794

CC

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 1097

100564 2

106167 6

107534 34

107959 43

108246 46

108672 2

109059 49

109752 22

110363 46

110523 57

111279 43

112082 247

112314 500

MS21042L5 Purchased No



Nut

110 Each 1,279.000 4.0000



PC 9/16/09 (1)

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 1279

110382 10

111636 269

112314 1000

M111636

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Work Order ID: 52143



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN4-7A		Purchased	No			110	Each	201.0000	16.0000			
--------	--	-----------	----	--	--	-----	------	----------	---------	--	--	--



Bolt



M112794 PC 9/10/09

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

201

111668

1

112314

50

112385

50

112641

100

Picklist Print

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Thursday, September 17, 2009 8:09:09 AM

Work Order ID: 52143



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH


Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD416  Washer		Purchased	No			110	Each	8,313.000	32.0000			

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	8313	
102929	2	
105906	4	
106277	2	
107321	23	
107939	114	
108161	553	
108827	31	
109249	69	
110523	340	
111279	101	
111916	2187	
112314	4887	
16941	0	

D2929RevB

Manufactured No



Spacer

110 Each 15.0000 2.0000



1111916

52243

9/18/09

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	15	
43376	15	

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Work Order ID: 52143



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2930RevB		Manufactured	No			110	Each	11.0000	2.0000			
<div> </div>												
<div> S Spacer </div>												

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse

ST

11

43378

11

D3405-041RevB		Manufactured	No			110	Each	10.0000	1.0000			
<div> </div>												
<div> S Lug Assembly </div>												

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse

ST

10

51254

10

AN4C47A		Purchased	No			110	Each	222.0000	4.0000			
<div> </div>												
<div> S Bolt </div>												

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse

ST

222

110847

4

112431

18

112489

100

112641

100

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Work Order ID: 52143



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

MS21043-4		Purchased	No			110	Each	1,397.000	5.0000			
<div style="display: flex; justify-content: space-between;"> </div>												

Nut

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
OFFSHORE		
FG	40	
104603	40	
Main Warehouse		
ST	1357	
111819	35	
112243	22	
112314	1000	
112492	300	

D3405-043RevB

Manufactured No



Lug Assembly

110 Each 12.0000 1.0000



<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Main Warehouse		
ST	12	
46589	1	
46863	1	
51255	10	

1112314

51652

9/17/09

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Work Order ID: 52143

Parent Item: D209-669-013RevB

Parent Item Name: Skidtube LH



Comments:

Start Date: 9/18/2009

Required Date: 10/9/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3407-041RevE		Manufactured	No			110	Each	35.0000	1.0000			
<div style="display: flex; justify-content: space-between;"> S   B-51659 PC </div>												
Tow Ring												

Warehouse Loc Qty Loc Code
Location

OFFSHORE

FG 3

35780 3

Main Warehouse

ST 1

48356 1

Main Warehouse

ST464 31

51659 31

D3456-1RevA

Manufactured No

110

Each

232.0000

1.0000

Washer

Warehouse Loc Qty Loc Code
Location

OFFSHORE

FG 7

25701 7

Main Warehouse

ST 225

46752 25

51653 200

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Work Order ID: 52143



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3417-5RevE Manufactured No

110

Each

152.0000

2.0000



9/18/09

Washer

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

152

51649

152

B.51649

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B



SHOP COPY
RETURN TO
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UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 32143

INSTRUCTIONS:

1) FOR D209-669-011/-012/-013/-014 SKID TUBES @ CHANGE 003 AND SUBSEQUENT, MODIFY THE FOLLOWING:

- a) REPLACE THE D2968-041 TOW RING WITH THE D3407-041 TOW RING ASSEMBLY.
- b) REPLACE THE D2736-1 AND D2736-3 GHW LUGS WITH THE D3405-041 AND D3405-043 LUG ASSEMBLIES.
- c) AMEND THE PARTS LIST IN SECTION 5.0 OF INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B AS SHOWN ON PAGE 2 OF THIS DSI.

NOTE: ALL INSTALLATION FASTENERS FOR THE ABOVE CHANGES HAVE BEEN UPDATED. SEE THE AMENDED PARTS LIST ON PAGE 2 FOR DETAILS.

A	NEW ISSUE	AJS	09.02.24
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
DATE	09.02.24	COPYRIGHT © 2009 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

5.0 PARTS LIST

52143

ITEM	QTY -011	QTY -012	QTY -013	QTY -014	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
	X						D209-669-011	SKIDTUBE INSTALLATION, LH (AH-1W/J)
		X					D209-669-012	SKIDTUBE INSTALLATION, RH (AH-1W/J)
			X				D209-669-013	SKIDTUBE INSTALLATION, LH (AH-1P/F/S)
				X			D209-669-014	SKIDTUBE INSTALLATION, RH (AH-1P/F/S)
	1	1			X		D209-669-041	REPLACEMENT SKIDTUBE (AH-1W/J)
			1	1		X	D209-669-043	REPLACEMENT SKIDTUBE (AH-1P/F/S)

IS:

50	4	4	1	1			D3405-041	LUG ASSEMBLY
51	8	8	4	4			AN4C47A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21043-4	NUT
54			1	1			D3405-043	LUG ASSEMBLY
60	1	1	1	1			D3407-041	TOW RING ASSEMBLY
61	1	1	1	1			D3456-1	WASHER
62	1	1	1	1			MS21043-4	NUT
63	2	2	2	2			D3417-5	WASHER

WAS:

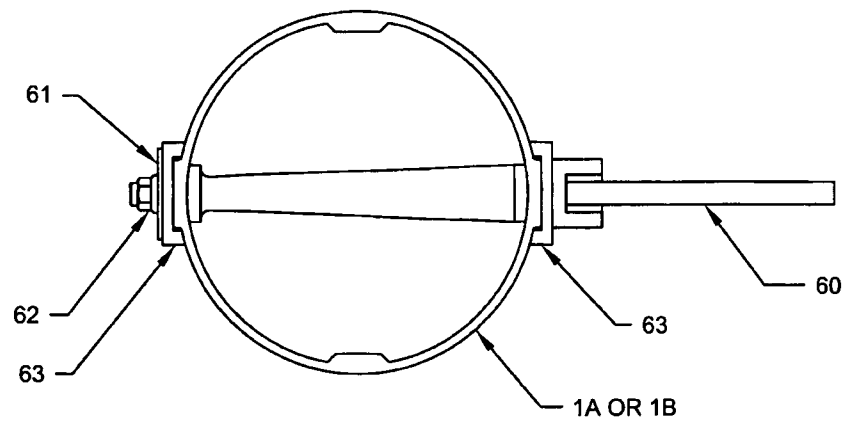
50	4	4	1	1			D2736-1	GHW LUG
51	8	8	4	4			AN4-46A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21042L4	NUT (OR MS21042-4)
54			1	1			D2736-3	GHW LUG
60	1	1	1	1			D2968-041	TOW RING
61	1	1	1	1			AN970-4	WASHER
62	1	1	1	1			MS21042L4	NUT (OR MS21042-4)

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	AJS	
CHECKED		DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9450 SHEET 2 OF 3
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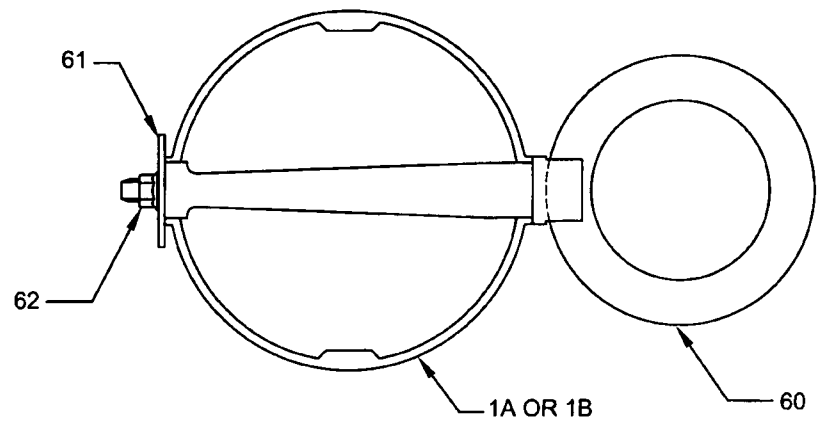
52143

INSTALL TOW RING ASSEMBLY AS SHOWN BELOW (REFER TO SECTION F-F OF IIN-D209-669 REV. B.

IS:



WAS:



NO PICTORIAL CHANGE REQUIRED FOR GROUND HANDLING WHEEL LUG CHANGES.

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 3 OF 3
APPROVED		TITLE	SCALE
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